10/576177

APZOROZIONE NO. 1 % ABRO2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)
Yoshinari HIGAKI et al	"Express Mail" Mailing Label No. EV 829838424 Date of Deposit Apr11 19, 2006
Serial No.: Not Assigned) I hereby certify that this correspondence is being
Filed: Herewith	deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR1.10 on the date indicated above
<pre>Int. Application No: PCT/JP2005/017223</pre>) and is addressed to: Commissioner for Patents,) P.O. Box 1450, Alexandria, VA 22313-1450
<pre>Intl. Filing Date: September 13, 2005</pre>) Name: <u>ARMANDO CHUG</u>) (typed or printed)
Art Unit:) Signature Armade (
For: SEMICONDUCTOR DEVICE)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97, Applicant hereby calls the Examiner's attention to documents listed on the attached form, which documents may be material to the examination of this application. Pursuant to 37 CFR §1.98(a)(2)(i) copies of cited US patent and US patent application publications are not submitted herewith. Copies of foreign patent documents and non-patent literature documents are enclosed herewith for the Examiner's consideration.

The family of JP 2001-281704 cited herein includes:

US Patent No. 6,825,488 B2

US Patent Application Publication No. US 2002/0110941 A1

US Patent Application Publication No. US 2005/0056848 A1

```
US Patent No. 6,166,396
 US Patent No. 6,495,857 B2
 US Patent Application Publication No. US 2001/0001496 A1
The family of JP 10-032202 cited herein includes:
 US Patent No. 5,929,527
 US Patent No. 6,844,628 B2
 US Patent Application Publication No. US 2002/0179973 A1
 US Patent No. 6,940,094 B2
 US Patent Application Publication No. US 2002/0179972 A1
 US Patent No. 6,979,882 B1
 US Patent Application Publication No. US 2005/0206008 A1
The family of JP 06-232129 cited herein includes:
 US Patent No. 5,623,157
 US Patent No. 5,804,878
 US Patent No. 6,031,290
 US Patent No. 6,166,414
 US Patent No. 6,448,612 B1
 US Patent No. 6,608,353 B2
 US Patent Application Publication No. US 2002/0179969 A1
 US Patent Application Publication No. US 2004/0023445 A1
 US Patent Application Publication No. US 2004/0051102 A1
 US Patent Application Publication No. US 2005/0145847 A1
The family of JP 08-330600 cited herein includes:
 US Patent No. 5,640,067
 US Patent No. 5,897,328
 US Patent No. 6,853,083 B1
 US Patent No. 6,992,435 B2
 US Patent Application Publication No. US 2005/0146262 A1
No inference should be drawn that the attached list sets forth
```

The family of JP 09-045927 cited herein includes:

No inference should be drawn that the attached list sets forth a comprehensive investigation of the prior art, that any or all are pertinent to the invention, or that any apparatus disclosed is equivalent to the subject invention.

The citation of the above-discussed documents is not to be construed as an assertion that more pertinent art could not

10/576177

JAP20 Rad 1 July 10 19 APR 2006

possibly be in existence. Citation of any document herein is not to be construed as an admission that any subject matter disclosed in the document is necessarily within the inventive field of endeavor, that any disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that any disclosure is otherwise necessarily prior art with respect to the instant invention.

Applicant also respectfully reserves the right to later set forth how the instant invention is distinguished over the disclosure of any document or other art, including the disclosure of those documents discussed herein, that may be cited by the Examiner in rejecting a claim in the instant patent application.

A first office action, notice of allowance or issue fee notification has not been received in this case, so Applicant does not believe that a fee is due. However, if any such fee is required, please charge our Deposit Account No. 50/1039.

Respectfully submitted,

Mark J Murphy

Registration No: 34,225

COOK, ALEX, McFARRON, MANZO, CUMMINGS & MEHLER, LTD. 200 West Adams Street Suite 2850 Chicago, Illinois 60606 (312) 236-8500 Customer No: 000026568

10/576177

AP20ROSCIFGTIVE 19 APR 2006

FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE
	JP 06-202146 JP 06-232129	07/22/94 08/19/94	Fujitsu Ltd Semiconductor Energy Lab Co Ltd	X X		12/28/92 01/18/93
	JP 07-312425 JP 08-330600 JP 09-045927	11/28/95 12/13/96 02/14/97	Hitachi Ltd TDK Corp Semiconductor	X X X		05/18/94 03/22/96 07/27/95
	JP 10-032202	02/03/98	Energy Lab Co Ltd Semiconductor Energy Lab Co Ltd	Х		07/16/96
	JP 2001- 281694	10/10/01	Semiconductor Energy Lab Co Ltd	Х		03/29/00
	JP 2001- 281704	10/10/01	Semiconductor Energy Lab Co Ltd	Х		01/26/01
	JP 2004- 006974	01/08/04	Semiconductor Energy Lab Co Ltd	Х		08/04/03

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

- 1) International Search Report re application no. PCT/JP2005/017223, dated December 27, 2005.
- 2) Written Opinion re international application no. PCT/JP 2005/017223, dated December 27, 2005.

EXAMINER: DATE CONSIDERED:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP form. Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

IAP20 Rec'd F 57770 19 APR 2006

DATE CONSIDERED:

			Atty. Docket No. 0553-0494	Serial No. / DOC 177 Not Assigned 000 177		
LIST OF PUBLICATIONS CITED BY APPLICANT		Applicant Yoshinari HIGAKI et al				
			<u>Filing Date</u> Herewith	Group	_	
		US	PATENT DOCUMENTS			
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	6,853,083 B1 6,861,670 B1 US 2005/ 0056848 A1 US 2005/ 0145847 A1 US 2005/ 0146262 A1 6,940,094 B2 US 2005/ 0206008 A1 6,979,882 B1 US 2006/ 0006794 A1 6,992,435 B2	02/08/05 03/01/05 03/17/05 07/07/05 07/07/05 09/06/05 09/22/05 12/27/05 01/12/06 01/31/06	Yamauchi et al Ohtani et al Yamazaki et al Miyazaki et al Yamauchi et al Yamazaki et al	257 257 257 257 313 257 257 257 313 313	763 66 72 72 72 503 59 765 559 503	03/11/99 03/28/00 10/07/04 12/28/04 01/25/05 05/23/02 06/02/05 04/30/99 06/29/05 01/25/05
	<u> </u>		<u> </u>	<u> </u>		
		FORE	IGN PATENT DOCUMENTS	T	T	1
	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE
OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages)						
						:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP form. Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

EXAMINER:

			Atty. Docket No. 0553-0494	Serial Not Ass	<u>576</u> igned	177	
LIST OF PUBLICATIONS CITED BY APPLICANT		<u>Applicant</u> Yoshinari HIGAKI et al					
`		<u>Filing Date</u> Herewith	Group				
	US PATENT DOCUMENTS						
*EXAMINER	DOCUMENT				SUB-	FILING	
INITIAL	NUMBER	DATE	NAME	CLASS	CLASS	DATE	
	5,623,157 5,640,067 5,684,365 5,804,878 5,897,328 5,929,527 6,031,290 6,166,396 6,166,414 US 2001/ 0001496 A1	04/22/97 06/17/97 11/04/97 09/08/98 04/27/99 07/27/99 02/29/00 12/26/00 12/26/00 05/24/01	Miyazaki et al Yamauchi et al Tang et al Miyazaki et al Yamauchi et al Yamazaki et al Miyazaki et al Yamazaki Miyazaki et al Yamazaki	257 313 315 257 438 257 257 257 257 257	383 504 169.3 764 29 771 764 59 369 347	06/07/95 03/18/96 12/14/94 04/24/96 05/13/97 07/16/97 03/13/98 07/18/96 08/25/99 12/26/00	
	US 2002/ 0024298 A1 US 2002/	02/28/02 08/15/02	Fukunaga Yamazaki et al	313 438	506 25	07/25/01 01/26/01	
	0110941 A1 6,448,612 B1 US 2002/ 0163049 A1	09/10/02 11/07/02	Miyazaki et al Yamazaki et al	257 257	344 408	11/02/00 03/26/02	
	US 2002/ 0179969 A1 US 2002/ 0179972 A1	12/05/02 12/05/02	Miyazaki et al Yamazaki et al	257 257	344	07/12/02 05/23/02	
	US 2002/ 0179973 A1	12/05/02	Yamazaki et al	257	368	05/23/02	
	6,495,857 B2 US 2003/ 0054653 A1	12/17/02 03/20/03	Yamazaki Yamazaki et al	257 438	59 694	12/26/00 03/19/02	
	6,608,353 B2 US 2004/ 0023445 A1	08/19/03 02/05/04	Miyazaki et al Miyazaki et al	257 438	350 149	07/12/02 07/17/03	
	US 2004/ 0051102 A1	03/18/04	Miyazaki et al	257	72	08/15/03	
	6,825,488 B2 US 2004/ 0241931 A1 6,844,628 B2	11/30/04 12/02/04 01/18/05	Yamazaki et al Akimoto et al Yamazaki et al	257 438 257	40 220 771	01/26/01 03/17/04 05/23/02	